

RAW SEQUENCE LISTING
PATENT APPLICATION: US/09/657,276

DATE: 09/21/2000
TIME: 15:36:38

Input Set : A:\Redc2111.app
Output Set: N:\CRF3\09212000\I657276.raw

OIPE

ENTERED

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3 <110> APPLICANT: Conjuchem, Inc.
4   Bridon, Dominique
5   Ezrin, Alan
6   Milner, Peter
7   Holmes, Darren
8   Thibaudeau, Karen
10 <120> TITLE OF INVENTION: PROTECTION OF ENDOGENOUS THERAPEUTIC PEPTIDES FROM
11   PEPTIDASE ACTIVITY THROUGH CONJUGATION TO BLOOD
12   COMPONENTS
14 <130> FILE REFERENCE: 2110
C--> 16 <140> CURRENT APPLICATION NUMBER: US/09/657,276
C--> 17 <141> CURRENT FILING DATE: 2000-09-07
19 <150> PRIOR APPLICATION NUMBER: 60/134,406
20 <151> PRIOR FILING DATE: 1999-05-17
22 <150> PRIOR APPLICATION NUMBER: 60/153,406
23 <151> PRIOR FILING DATE: 1999-09-10
25 <150> PRIOR APPLICATION NUMBER: 60/159,783
26 <151> PRIOR FILING DATE: 1999-10-18
28 <160> NUMBER OF SEQ ID NOS: 1617
30 <170> SOFTWARE: PatentIn Ver. 2.1
32 <210> SEQ ID NO: 1
33 <211> LENGTH: 19
34 <212> TYPE: PRT
35 <213> ORGANISM: Artificial Sequence
37 <220> FEATURE:
38 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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43   1           5           10           15
45 Val Tyr Pro
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50 <211> LENGTH: 8
51 <212> TYPE: PRT
52 <213> ORGANISM: Artificial Sequence
54 <220> FEATURE:
55 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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60   1           5
63 <210> SEQ ID NO: 3
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65 <212> TYPE: PRT
66 <213> ORGANISM: Artificial Sequence
68 <220> FEATURE:
69 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic

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70      Peptide
72 <400> SEQUENCE: 3
73 Ser Tyr Ser Met Glu His Phe Arg Trp Gly Lys Pro Val Gly Lys Lys
74   1           5           10           15
76 Arg Arg Pro Val Lys Val Tyr Pro Asn Gly Ala Glu Asp Glu Ser Ala
77           20           25           30
79 Glu Ala Phe Pro Leu Glu Phe
80           35
83 <210> SEQ ID NO: 4
84 <211> LENGTH: 13
85 <212> TYPE: PRT
86 <213> ORGANISM: Artificial Sequence
88 <220> FEATURE:
89 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
90      Peptide
92 <400> SEQUENCE: 4
93 Ser Tyr Ser Met Glu His Phe Arg Trp Gly Lys Pro Val
94   1           5           10
97 <210> SEQ ID NO: 5
98 <211> LENGTH: 16
99 <212> TYPE: PRT
100 <213> ORGANISM: Artificial Sequence
102 <220> FEATURE:
103 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
104      Peptide
106 <400> SEQUENCE: 5
107 Ser Tyr Ser Met Glu His Phe Arg Trp Gly Lys Pro Val Gly Lys Lys
108   1           5           10           15
111 <210> SEQ ID NO: 6
112 <211> LENGTH: 17
113 <212> TYPE: PRT
114 <213> ORGANISM: Artificial Sequence
116 <220> FEATURE:
117 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
118      Peptide
120 <400> SEQUENCE: 6
121 Ser Tyr Ser Met Glu His Phe Arg Trp Gly Lys Pro Val Gly Lys Lys
122   1           5           10           15
124 Arg
128 <210> SEQ ID NO: 7
129 <211> LENGTH: 24
130 <212> TYPE: PRT
131 <213> ORGANISM: Artificial Sequence
133 <220> FEATURE:
134 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
135      Peptide
137 <400> SEQUENCE: 7
138 Ser Tyr Ser Met Glu His Phe Arg Trp Gly Lys Pro Val Gly Lys Lys
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141 Arg Arg Pro Val Lys Val Tyr Pro
142      20
145 <210> SEQ ID NO: 8
146 <211> LENGTH: 7
147 <212> TYPE: PRT
148 <213> ORGANISM: Artificial Sequence
150 <220> FEATURE:
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154 <400> SEQUENCE: 8
155 Met Glu His Phe Arg Trp Gly
156      1      5
159 <210> SEQ ID NO: 9
160 <211> LENGTH: 32
161 <212> TYPE: PRT
162 <213> ORGANISM: Artificial Sequence
164 <220> FEATURE:
165 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
166      Peptide
168 <400> SEQUENCE: 9
169 Phe Arg Trp Gly Lys Pro Val Gly Lys Lys Arg Arg Pro Val Lys Val
170      1      5      10      15
172 Tyr Pro Asn Gly Ala Glu Asp Glu Ser Ala Glu Ala Phe Pro Leu Glu
173      20      25      30
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180 <211> LENGTH: 22
181 <212> TYPE: PRT
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184 <220> FEATURE:
185 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
186      Peptide
188 <400> SEQUENCE: 10
189 Arg Pro Val Lys Val Tyr Pro Asn Gly Ala Glu Asp Glu Ser Ala Glu
190      1      5      10      15
192 Ala Phe Pro Leu Glu Phe
193      20
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197 <211> LENGTH: 39
198 <212> TYPE: PRT
199 <213> ORGANISM: Artificial Sequence
201 <220> FEATURE:
202 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
203      Peptide
205 <400> SEQUENCE: 11
206 Ser Tyr Ser Met Glu His Phe Arg Trp Gly Lys Pro Val Gly Lys Lys
207      1      5      10      15
209 Arg Arg Pro Val Lys Val Tyr Pro Asn Val Ala Glu Asn Glu Ser Ala
210      20      25      30
212 Glu Ala Phe Pro Leu Glu Phe

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213           35
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222 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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225 <400> SEQUENCE: 12
226 Pro Val Gly Lys Lys Arg Arg Pro Val Lys Val Tyr Pro Asn Val Ala
227   1           5           10           15
229 Glu Asn Glu Ser Ala Glu Ala Phe Pro Leu Glu Phe
230           20           25
233 <210> SEQ ID NO: 13
234 <211> LENGTH: 18
235 <212> TYPE: PRT
236 <213> ORGANISM: Artificial Sequence
238 <220> FEATURE:
239 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
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242 <400> SEQUENCE: 13
243 Val Tyr Pro Asn Gly Ala Glu Asp Glu Ser Ala Glu Ala Phe Pro Leu
244   1           5           10           15
246 Glu Phe
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251 <211> LENGTH: 39
252 <212> TYPE: PRT
253 <213> ORGANISM: Artificial Sequence
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256 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
257     Peptide
259 <400> SEQUENCE: 14
260 Ser Tyr Ser Met Glu His Phe Arg Trp Gly Lys Pro Val Gly Lys Lys
261   1           5           10           15
263 Arg Arg Pro Val Lys Val Tyr Pro Asn Val Ala Glu Asn Glu Ser Ala
264           20           25           30
266 Glu Ala Phe Pro Leu Glu Phe
267           35
270 <210> SEQ ID NO: 15
271 <211> LENGTH: 28
272 <212> TYPE: PRT
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275 <220> FEATURE:
276 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
277     Peptide
279 <400> SEQUENCE: 15
280 Pro Val Gly Lys Lys Arg Arg Pro Val Lys Val Tyr Pro Asn Val Ala
281   1           5           10           15
283 Glu Asn Glu Ser Ala Glu Ala Phe Pro Leu Glu Phe

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Input Set : A:\Redc2111.app
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284                20                25
287 <210> SEQ ID NO: 16
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294     Peptide
296 <400> SEQUENCE: 16
297 Val Tyr Pro Asn Gly Ala Glu Asp Glu Ser Ala Glu Ala Phe Pro Leu
298   1                5                10                15
300 Glu Phe
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305 <211> LENGTH: 33
306 <212> TYPE: PRT
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314 Val Cys Ser Cys Arg Leu Val Phe Cys Arg Arg Thr Glu Leu Arg Val
315   1                5                10                15
317 Gly Asn Cys Leu Ile Gly Gly Val Ser Phe Thr Tyr Cys Cys Thr Arg
318           20                25                30
320 Val
324 <210> SEQ ID NO: 18
325 <211> LENGTH: 34
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327 <213> ORGANISM: Artificial Sequence
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334 Gly Ile Cys Ala Cys Arg Arg Arg Phe Cys Pro Asn Ser Glu Arg Phe
335   1                5                10                15
337 Ser Gly Tyr Cys Arg Val Asn Gly Ala Arg Tyr Val Arg Cys Cys Ser
338           20                25                30
340 Arg Arg
344 <210> SEQ ID NO: 19
345 <211> LENGTH: 5
346 <212> TYPE: PRT
347 <213> ORGANISM: Artificial Sequence
349 <220> FEATURE:
350 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic
351     Peptide
353 <400> SEQUENCE: 19
354 Met Glu His Phe Phe
355   1                5
358 <210> SEQ ID NO: 20

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FBI:

Please Note:

Use of n and/or Xaa have been detected in the Sequence Listing. Please review the Sequence Listing to ensure that a corresponding explanation is presented in the <220> to <223> fields of each sequence which presents at least one n or Xaa.

VERIFICATION SUMMARY

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Input Set : A:\Redc2111.app

Output Set: N:\CRF3\09212000\I657276.raw

L:16 M:270 C: Current Application Number differs, Replaced Application Number
L:17 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:1273 M:283 W: Missing Blank Line separator, <400> field identifier
L:1274 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (81) SEQUENCE:
L:1735 M:283 W: Missing Blank Line separator, <400> field identifier
L:1736 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (108) SEQUENCE:
L:5945 M:258 W: Mandatory Feature missing, <221> not found for SEQ ID#:356
L:5945 M:258 W: Mandatory Feature missing, <222> not found for SEQ ID#:356
L:5945 M:340 W: (46) "n" or "Xaa" used: Feature required, for SEQ ID#:356
L:6849 M:283 W: Missing Blank Line separator, <400> field identifier
L:6850 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (409) SEQUENCE:
L:6910 M:283 W: Missing Blank Line separator, <400> field identifier
L:6911 M:300 W: (50) Intentionally skipped Sequence, : Sequence Id (414) SEQUENCE: